

OFFICE OF THE CITY MANAGER NO. LTC # 106-2013

LETTER TO COMMISSION

Mayor Matti Herrera Bower and Members of the City Commission

FROM:

Jimmy L. Morales, City Manager

DATE:

April 1, 2013

SUBJECT: Miami-Dade County Emergency Beach Renourishment Project

The purpose of this LTC is to provide an update to the Mayor and City Commission on Miami-Dade County's beach renourishment project planned for the vicinity of 54 Street

BACKGROUND

In October 2012, the U.S. Army Corps of Engineers completed the 2011 Beach Erosion Control & Hurricane Protection Project. This project included the placment of sand in three areas of Miami Beach using two separate sources of material. The first phase from 63 Street to 69 Street utilized the last available offshore borrow site in Miami-Dade County to pumplan estimated 250,000 cubic yards (cy) of sand to this area. The second phase utilized a sand back-passing method to bring approximately 80,000 cy of sand from an accreted portion of the beach between 10 Street and 18 Street to the highly eroded areas in the vicinity of 27 Street (20,000 cy) and 46 Street (60,000 cy). This Project scope did not include renourishment of the hotspot in the vicinity of 54 Street.

Miami-Dade County last conducted a truck haul beach renourishment project in the vicinity of 54 Street in 2008 and 2009. In 2008, approximately 30,000 cy of sand were placed between 53 Street and 55 Street and in 2009, 9,000 cy were placed in this area. Since then, this area has experienced increased erosion, further accelerated by the storm surge from Hurricane Sandy.

PROJECT SCOPE

In the next 45 to 60 days, Miami-Dade County will conduct an emergency truck haul beach renourishment project in the vicinity of 54 Street to provide storm protection and recreational benefits to this highly eroded section of beach. Approximately 10,000 cy of sand will be trucked in from the Ortona quarry in central Florida. Miami-Dade County is in the process of obtaining the necessary permits from the Florida Department of Environmental Protection (FDEP). FDEP is requiring that engineering drawings be provided showing the proposed work prior to the issuance of the Notice to Proceed. The County is finalizing the construction plan which is being prepared concurrently with the bidding and contracting process.

Miami-Dade County has begun to conduct community outreach. On March 26, 2013, the County and the City's Public Works Department, Environmental Division met with the condominium management from the Carriage House (5401 Collins Avenue) to review the project's scope and address beach access and safety concerns As additional project details including the project's timeline and scope are finalized, the City will work closely with the County to inform affected parties and ensure that accurate information regarding the project is available.

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CONCLUSION

The Administration will continue to work closely with the County to provide the Mayor and City Commission with further updates. Please feel free to contact me if you have any questions.

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